

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

SEARCH SESSION HISTORY**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Edit an existing query or
compose a new query in the
Search Query Display.

Sat, 26 May 2007, 1:16:27 PM EST**SEARCH QUERY DISPLAY** **Select a search number (#)
to:**

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

RECENT SEARCH QUERIES

- #1 (((feedback* <near/3> (interferenc\$3 <or> noise <or> isi) <near/3> (cancel* <or> minimiz* <or> delet* <or> reduc*)) <and> (match* <near/3> filter*) <and> (object* <near/3> matrix*))<in>metadata)
- #2 (((multi* <near/3> user* <near/3> (detect* <or> estimat*)) <and> ((interferenc* <or> noise*) <near/3> (cancel* <or> minimiz* <or> delet*)) <and> (match* <near/3> filter*))<in>metadata)

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

Indexed by
 Inspec®


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(((multi* <near/3> user* <near/3> (detect* <or> estimat*)) <and> ((interfere..."))

[e-mail](#)Your search matched **30** of **1574558** documents.A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.**» Search Options**[View Session History](#)[New Search](#)**Modify Search** (((multi* <near/3> user* <near/3> (detect* <or> estimat*)) <and> ((interferenc* <or> n[Search](#) Check to search only within this results setDisplay Format: Citation Citation & Abstract**» Key****IEEE JNL** IEEE Journal or Magazine[view selected items](#) [Select All](#) [Deselect All](#)**IET JNL** IET Journal or Magazine **1. A new symbol-alphabet-aware multi-user detection scheme**

Zhiyuan Wu; Xiaofeng Wang;

[Communications Letters, IEEE](#)

Volume 10, Issue 8, Aug. 2006 Page(s):582 - 584

Digital Object Identifier 10.1109/LCOMM.2006.1665117

[AbstractPlus](#) | Full Text: [PDF\(255 KB\)](#) [IEEE JNL](#)[Rights and Permissions](#)**IEEE STD** IEEE Standard **2. Iterative multiuser detection and error control code decoding in random (**

Zhenning Shi; Schlegel, C.;

[Signal Processing, IEEE Transactions on](#) [see also [Acoustics, Speech, and Signal Processing, IEEE Transactions on](#)]

Volume 54, Issue 5, May 2006 Page(s):1886 - 1895

Digital Object Identifier 10.1109/TSP.2006.872585

[AbstractPlus](#) | Full Text: [PDF\(480 KB\)](#) [IEEE JNL](#)[Rights and Permissions](#) **3. Adaptive receiver structures for asynchronous CDMA systems**

Rapajic, P.B.; Vucetic, B.S.;

[Selected Areas in Communications, IEEE Journal on](#)

Volume 12, Issue 4, May 1994 Page(s):685 - 697

Digital Object Identifier 10.1109/49.286675

[AbstractPlus](#) | Full Text: [PDF\(1176 KB\)](#) [IEEE JNL](#)[Rights and Permissions](#) **4. Data detection techniques for DS/CDMA mobile systems: a review**

Koulakiots, D.; Aghvami, A.H.;

[Personal Communications, IEEE](#) [see also [IEEE Wireless Communications](#)]

Volume 7, Issue 3, June 2000 Page(s):24 - 34

Digital Object Identifier 10.1109/98.847920

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(812 KB\)](#) [IEEE JNL](#)[Rights and Permissions](#) **5. Iterative multiuser detection with integrated channel estimation for codecs**

Lampe, A.;

[Communications, IEEE Transactions on](#)

Volume 50, Issue 8, Aug. 2002 Page(s):1217 - 1223

Digital Object Identifier 10.1109/TCOMM.2002.801502

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(357 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 6. Analysis of the linear SIC for DS/CDMA signals with random spreading**
Kuei-Chiang Lai; Shynk, J.J.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing, IEEE Transactions on\]](#)
Volume 52, Issue 12, Dec. 2004 Page(s):3417 - 3428
Digital Object Identifier 10.1109/TSP.2004.837435
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(640 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- 7. A Very Near Optimum Interference Cancellation Algorithm for CDMA Signals**
Ebrahim Karami; Mohsen Shiva;
[Personal, Indoor and Mobile Radio Communications, 2006 IEEE 17th International Symposium on](#)
Sept. 2006 Page(s):1 - 5
Digital Object Identifier 10.1109/PIMRC.2006.254329
[AbstractPlus](#) | Full Text: [PDF\(2107 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 8. A threshold-based linear parallel interference canceller on fading channels**
Tikiya, V.; Chockalingam, A.;
[Wireless Communications and Networking Conference, 2005 IEEE](#)
Volume 2, 13-17 March 2005 Page(s):917 - 921 Vol. 2
Digital Object Identifier 10.1109/WCNC.2005.1424630
[AbstractPlus](#) | Full Text: [PDF\(1807 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 9. Complexity and efficiency of data detection algorithms for TD-SCDMA**
Jung-Lin Pan; Jaeyoung Kwak; Bultan, A.; Yuejin Huang; Grieco, D.;
[Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th International Symposium on](#)
Volume 2, 5-8 Sept. 2004 Page(s):1287 - 1291 Vol.2
[AbstractPlus](#) | Full Text: [PDF\(392 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 10. Nonlinear multistage multiple access interference cancellation receiver for DS/CDMA communication systems**
Feng, X.; Tsimenidis, C.C.; Hinton, O.R.; Sharif, B.S.;
[Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th](#)
Volume 2, 6-9 Oct. 2003 Page(s):1114 - 1118 Vol.2
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 11. Performance of multistage interference cancellers in space-time coded CDMA systems**
Alam, M.M.; Chockalingam, A.;
[TENCON 2003. Conference on Convergent Technologies for Asia-Pacific Region](#)
Volume 1, 15-17 Oct. 2003 Page(s):137 - 141 Vol.1
Digital Object Identifier 10.1109/TENCON.2003.1273262
[AbstractPlus](#) | Full Text: [PDF\(393 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 12. Path-time coding for downlink multi-user CDMA over multipath channels**
Chung-Lien Ho; Jwo-Yuh Wu; Ta-Sung Lee;
[Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Seminar on](#)
Volume 3, 22-25 April 2003 Page(s):1925 - 1929 vol.3
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) IEEE CNF

Rights and Permissions

13. Multirate SIC receiver with several amplitude estimation methods for UMTS
Barbancho, I.; Barbancho, A.M.; Tardon, L.J.; Emtrambasaguas, J.T.;
Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Se
Volume 3, 22-25 April 2003 Page(s):1910 - 1914 vol.3
[AbstractPlus](#) | Full Text: [PDF\(361 KB\)](#) IEEE CNF
[Rights and Permissions](#)
14. Performance analysis of Volterra-based nonlinear blind multiuser detection systems
Guo Linlin; Puthusserypady, S.;
Wireless Communications and Networking, 2003. WCNC 2003. 2003 IEEE
Volume 1, 16-20 March 2003 Page(s):196 - 201 vol.1
Digital Object Identifier 10.1109/WCNC.2003.1200344
[AbstractPlus](#) | Full Text: [PDF\(338 KB\)](#) IEEE CNF
[Rights and Permissions](#)
15. Performance improvement in wireless system due to parallel interference cancellation (PIC) algorithm
Garg, V.K.; Seshadri, A.;
Personal Wireless Communications, 2002 IEEE International Conference on
15-17 Dec. 2002 Page(s):243 - 249
Digital Object Identifier 10.1109/ICPWC.2002.1177286
[AbstractPlus](#) | Full Text: [PDF\(463 KB\)](#) IEEE CNF
[Rights and Permissions](#)
16. Uplink interference analysis of LMDS networks applying CDMA with interference cancellation
Novak, C.; Toth, D.; Bito, J.;
Spread Spectrum Techniques and Applications, 2002 IEEE Seventh International
on
Volume 1, 2002 Page(s):288 - 292 vol.1
Digital Object Identifier 10.1109/ISSSTA.2002.1049332
[AbstractPlus](#) | Full Text: [PDF\(469 KB\)](#) IEEE CNF
[Rights and Permissions](#)
17. Objective function based group-wise successive interference cancellation for dual-rate DS-CDMA system
Seung Hee Han; Jae Hong Lee;
Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th
Volume 4, 6-9 May 2002 Page(s):1685 - 1688 vol.4
Digital Object Identifier 10.1109/VTC.2002.1002907
[AbstractPlus](#) | Full Text: [PDF\(454 KB\)](#) IEEE CNF
[Rights and Permissions](#)
18. Adaptive multistage space-time receiver for DS/CDMA systems
Al-dabbous, N.A.; Sharif, B.S.;
Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th
Volume 4, 7-11 Oct. 2001 Page(s):2086 - 2089 vol.4
Digital Object Identifier 10.1109/VTCS.2001.957112
[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) IEEE CNF
[Rights and Permissions](#)
19. Performance of iterative DS-CDMA m-ary demodulation in the presence of synchronization errors
Pei Xiao; Strom, E.;
Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd
Volume 3, 6-9 May 2001 Page(s):1703 - 1707 vol.3

Digital Object Identifier 10.1109/VETECS.2001.944985

[AbstractPlus](#) | Full Text: [PDF\(340 KB\)](#) IEEE CNF

[Rights and Permissions](#)

20. An agent-based scheme for interference cancellation in a DS/CDMA system

Jiann-Liang Chen; Ming-Huang Yang; Po-Yuen Cheng;
Systems, Man, and Cybernetics, 2000 IEEE International Conference on
Volume 1, 8-11 Oct. 2000 Page(s):437 - 442 vol.1
Digital Object Identifier 10.1109/ICSMC.2000.885031

[AbstractPlus](#) | Full Text: [PDF\(440 KB\)](#) IEEE CNF

[Rights and Permissions](#)

21. A multiple access/self interference canceller receiver for DS-CDMA multi-user fading channels

Zazo, S.; Bader, F.; Paez-Borrallo, J.M.;
Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000. 52nd
Volume 4, 24-28 Sept. 2000 Page(s):1745 - 1750 vol.4
Digital Object Identifier 10.1109/VETECF.2000.886122

[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF

[Rights and Permissions](#)

22. MAI cancellation with commutation signaling

Marques da Silva, M.; Correia, A.;
Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo
Volume 2, 15-18 May 2000 Page(s):1090 - 1094 vol.2
Digital Object Identifier 10.1109/VETECS.2000.851293

[AbstractPlus](#) | Full Text: [PDF\(460 KB\)](#) IEEE CNF

[Rights and Permissions](#)

23. Parallel interference cancellation with commutation signaling

da Silva, M.R.; Correia, A.;
Communications, 2000. ICC 2000. 2000 IEEE International Conference on
Volume 3, 18-22 June 2000 Page(s):1213 - 1217 vol.3
Digital Object Identifier 10.1109/ICC.2000.853692

[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF

[Rights and Permissions](#)

24. On the performance of the successive interference canceler for DS/CDMA

Kuei-Chiang Lai; Shynk, J.J.;
Signals, Systems, and Computers, 1999. Conference Record of the Thirty-Third
Conference on
Volume 2, 24-27 Oct. 1999 Page(s):1594 - 1600 vol.2
Digital Object Identifier 10.1109/ACSSC.1999.832017

[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEEE CNF

[Rights and Permissions](#)

25. Asymptotically optimum multiuser decision feedback detection

Varanasi, M.K.;
Information Theory, 1997. Proceedings., 1997 IEEE International Symposium
29 June-4 July 1997 Page(s):275
Digital Object Identifier 10.1109/ISIT.1997.613193

[AbstractPlus](#) | Full Text: [PDF\(108 KB\)](#) IEEE CNF

[Rights and Permissions](#)



RELEASE 2.3

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

 Search Results**BROWSE****SEARCH****IEEE XPLOR GUIDE**

Results for "(((multi* <near/3> user* <near/3> (detect* <or> estimat*)) <and> ((interfere..."))

[e-mail](#)

Your search matched 30 of 1574558 documents.

A maximum of 30 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.» **Search Options**[View Session History](#)[New Search](#)**Modify Search**

((((multi* <near/3> user* <near/3> (detect* <or> estimat*)) <and> ((interferenc* <or> n

[Search](#) Check to search only within this results setDisplay Format: Citation Citation & Abstract
 [Select All](#) [Deselect All](#)
» **Key**

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 26. Blind 2-D RAKE receivers based on space-time adaptive MVDR processin**CDMA system**

Zoltowski, M.D.; Yung-Fang Chen; Ramos, J.;

[Military Communications Conference, 1996. MILCOM '96, Conference Proceedi](#)

Volume 2, 21-24 Oct. 1996 Page(s):618 - 622 vol.2

Digital Object Identifier 10.1109/MILCOM.1996.569421

[AbstractPlus](#) | Full Text: PDF(512 KB) IEEE CNF[Rights and Permissions](#) **27. Blind multi-user access interference cancellation for CDMA based PCS/c****antenna arrays**

Zoltowski, M.D.; Ramos, J.;

[Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proc](#)[IEEE International Conference on](#)

Volume 5, 7-10 May 1996 Page(s):2730 - 2733 vol. 5

Digital Object Identifier 10.1109/ICASSP.1996.550117

[AbstractPlus](#) | Full Text: PDF(348 KB) IEEE CNF[Rights and Permissions](#) **28. An improved multi-user CDMA decorrelating detector**

Bar-Ness, Y.; Punt, J.B.;

[Personal, Indoor and Mobile Radio Communications, 1995. PIMRC'95. 'Wirele](#)[the Information Superhighway', Sixth IEEE International Symposium on](#)

Volume 3, 27-29 Sept. 1995 Page(s):975

Digital Object Identifier 10.1109/PIMRC.1995.477089

[AbstractPlus](#) | Full Text: PDF(336 KB) IEEE CNF[Rights and Permissions](#) **29. Performance analysis of the multi-user receiver exploited in MC-CDMA s**

Luan, Y.Z.; Yang, J.W.; Sun, Y.C.; Li, J.D.;

[3G Mobile Communication Technologies, 2001. Second International Conference](#)[Publ. No. 477\)](#)

26-28 March 2001 Page(s):378 - 382

[AbstractPlus](#) | Full Text: PDF(316 KB) IET CNF **30. Comparative study of interference cancellation schemes in multi-user de**

Koulakiotis, D.; Aghvami, A.H.;

[CDMA Techniques and Applications for Third Generation Mobile Systems \(Dig](#)

1997/129), IEE Colloquium on
19 May 1997 Page(s):10/1 - 10/7

AbstractPlus | Full Text: PDF(484 KB) IET CNF

Indexed by
 Inspec®

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Saturday, May 26, 2007

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L8	5822380.pn.	2
<input type="checkbox"/>	L7	(feedback\$ near3 interferenc\$3 near3 (cancel\$4 or minimiz\$3 or delet\$3 or reduc\$5)) and (match\$3 near3 filter\$3) and (object\$3 near3 matrix\$3) (multi\$7 near3 user\$ near3 (detect\$4 or estima\$6)) and (interferenc\$3 near3	3
<input type="checkbox"/>	L6	(cancel\$4 or minimiz\$3 or delet\$3 or reduc\$5)) and (match\$3 near3 filter\$3) and (object\$3 near3 matrix\$3)	3
<input type="checkbox"/>	L5	L4 and l3 and l2	69
<input type="checkbox"/>	L4	@ad<=20020422 375/130.ccls. or 375/140.ccls. or 376/147.ccls. or 375/143.ccls. or	22390842
<input type="checkbox"/>	L3	375/144.ccls. or 375/148.ccls. or 375/152.ccls. or 375/316.ccls. or 375/285.ccls. or 375/346.ccls. or 375/350.ccls. or 370/335.ccls. or 370/342.ccls. or 370/441.ccls.	14439
<input type="checkbox"/>	L2	(multi\$7 near3 user\$ near3 (detect\$4 or estima\$6)) same (interferenc\$3 near3 (cancel\$4 or minimiz\$3 or delet\$3 or reduc\$5))	256
<input type="checkbox"/>	L1	(multi\$7 near3 user\$ near3 (detect\$4 or estima\$6)) same (interferenc\$3 near3 (cancel\$4 or minimiz\$3 or delet\$3)) same (match\$3 near3 filter\$3)	7

END OF SEARCH HISTORY